

BHAGWAN PARSHURAM INSTITUTE OF TECHNOLOGY



ANNUAL DIGEST NEWSLETTER

2022-2023

Department
Information Technology

VISION

To emerge as a center of excellence producing globally competent and morally sound professionals in the field of information technology who'll practice commitment to their profession and dedicate themselves to the service of mankind.



MISSION

- To provide strong knowledge base to students in the area of Information Technology and to train them as per the requirement of industries and research organizations.
- To develop state of art laboratories providing relevant practical inputs to students.
- To facilitate industry interaction to the benefit of stake holders and motivate teachers for the continuous improvement of their academic standards.



PSO'S

Program Specific Outcomes

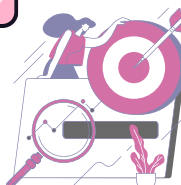
- Design reliable and efficient software systems using software design principles. Algorithm design techniques and data structures.
- Select appropriate software, hardware and networking environment for IT needs of any organization.
- Use modern technologies such as Artificial Intelligence, Big Data, Cloud Computing for building real world applications.



PO'S

Program Outcomes

- Engineering knowledge
- Problem analysis
- Design/development of solutions
- Modern tool usage
- The engineer and society
- Environment and sustainability
- Ethics
- Individual and team work
- Conduct investigation of complex problems
- Communication
- Project management
- Life-long learning





ENRICHMENT



1. Department of Information Technology conducted Summer School/Summer Training of four weeks for 2nd year and 3rd year B.Tech. Students in which 278 students participated.
2. Two faculty members of IT department completed their Ph.D. In academic year 2022-23.
3. The faculty members and students of Department of Information Technology published research papers in reputed conferences and journals.
4. The Department of Information Technology conducted International conference on "Data Analytics & Management-2023" in collaboration with London Metropolitan University. The proceedings were published by Springer.

SOCIETY HIGHLIGHTS



GOOGLE STUDENT DEVELOPER CLUBS



1. GDSC orientation'22 on 02-09-22 on Google meet.
2. Zero to hero:hackskill on 03-09-22 by Alexander saft in virtual mode.
3. Step up with Google interns 03-09-22 by Ritika Garg and Sanya Gupta
4. Compose camp 11-09-22 by Sahil makkar.
5. Compose camp 18-09-22 by Rahul sain.
6. Build career in Android development 24-09-22 by Abhishek Mishra virtually.
7. Build kotlin app on 16-10-22 by Rahul sain.
8. Google cloud career practitioner program on 19-11-22 and 20-11-22 by tripti shandilya and Siddhant Vijay Singh.
9. Info session 18-12-22 by GDSC core team.
10. Solution session on 18-01-23 by GDSC global team.
11. GDSC international women's day meet-up on 05-03-23 by GDSC global team.
12. Flutter forward extended in collaboration with GDSC mait on 11-03-23 by ayush Kumar.
13. Web dev campaign on 12-03-23 by Aditya khandelwal and Kanika bansal.
14. Machine learning campaign on 2-04-23 by chaitanya lakchaura and chiragdeep Verma.



HASH DEFINE



1. Pep Talk With Love Babbar on 23-09-2022.
2. Hash Define Orientation on 11-12-2022 via Microsoft Teams.
3. Cyber Security 360 on 27-12-2022 in 6A by Harshit Gupta (Co-Founder of Hash Define).
4. Decoding the Secrets of Algorithm on 24-02-2023 via Microsoft Teams by Peeyush Saxena (Co-founder of Hash Define).
5. Unleashing the Code: Roadmap to Programming on 24-04-2023 at 6A by Mahima Hans (SDE at Microsoft).
6. CodeXploit: Hacking AI on 05-06-23 in 6A by Bhavye Malhotra.
7. Codenheimer Contest on 09-08-23 at HackerRank by Hash Define Team.
8. DSA Classes for Indefinite'25 ongoing by Hash Define Team.
9. DSA Classes for Indefinite'26 ongoing by Hash Define Team.



NATIONAL SERVICE SCHEME (NSS)



1. Har Ghar Tiranga drive held between 10th - 15th August 2022.
2. Teacher's Day Celebration on 5th September 2022.
3. Plantation Drive on 5th September 2022 inside Campus.
4. Food Donation Drive on 12th September 2022 .
5. Gandhi Jayanti celebration on 2nd October 2022. Essay & Digital poster making competition was conducted.
6. Swachhta Pakhwada on 20th October 2022 at Ranikhet, Pitampura, Delhi.
7. A Quiz on National Education Day was conducted on 11th November 2022.
8. A poster making competition as part of the commemoration of Parakram Diwas on 23rd January 2023.
9. Republic Day Online Quiz Competition on 26th January 2023.
10. Painting Competition on G20: Lifestyle for Environment on 24th March 2023 inside BPIT Campus.
11. Self Defence Program for women "Saksham" held from 21st March to 29th MArch 2023 at BPIT campus.
12. Session on Entrepreneurship & Innovation on Career Opportunity on 5th April 2023 by Mr. Ascharya Bansal.
13. Session on Scope of VLSI & Embedded Systems on 12th April 2023 by Mr. Harshit Tiwari.
14. Sandarsh: Annual Street Play Fest on 24th April 2023 inside BPIT Campus.
15. Jhankar: Cultural Folk Dance on 28th April 2023 inside BPIT Campus.
16. Sargam: Promoting Musical Talent on 28th April 2023 at Campus.
17. Rangoli Making Competition on 3rd May 2023.
18. G20 Crossword Competition on 3rd May 2023 .
19. Elocution on "Solid Waste Management" on 3rd May 2023 inside BPIT Campus
20. Indian Knowledge System Exhibition on 3rd May 2023 inside BPIT Campus.
21. Independence Day Celebration on 14th August 2023.

Students Achievement

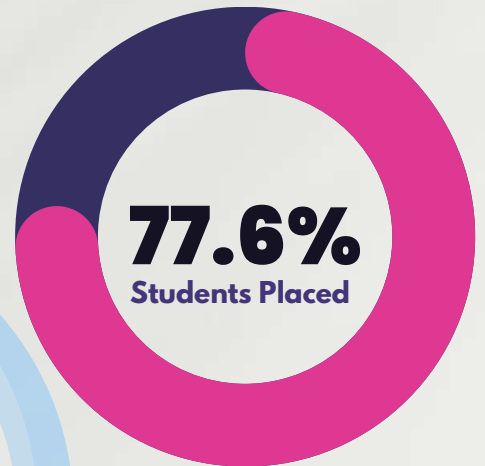
1. **Sidharth Sahni (IT 2019–2023 BATCH)** Best Blockchain Project at HackCBS 2022, Shaheed Sukhdev College, online, 24hrs. Pool Prize at Polygon Build it Hackathon, Polygon, online, 1 month.
2. **Shreya Jindal (IT 2019–2023 BATCH)** 2nd Runner Up in 24 hr Designathon at Grid Design, Squareboat, Grid Design, 24 hr. Strategy head at Malhaar'22 at BPIT, 2 days.
3. **Anushka Singh (IT 2021–2025 BATCH)** TOP-15 Hack-A-miners at MSIT, Offline, 24 hr. TechGig Geek Goddess 2022 Semifinalist at American Express, Online.
4. **Smarth Sachdeva (IT 2020–2024 BATCH)** 1st prize in designathon - ui/ux marathon at MALHAAR'22.
5. **Anmol Pandey (IT 2021–2025 Batch)** Secured 1st position in Anugunj Classical solo prelims 2023.
6. **Ekta Agrawal (IT 2021–2025 Batch)** Successfully graduated as an OMLAS Fellowship Champion, Secured 2nd position in Hack Unicorn Hackthon 2023 and was awarded as top performer in the Creators of Metaverse program by 1M1B, Meta and AICTE.
7. **Ankit Gupta (IT 2021–2025 Batch)** winner at Software Engineering quiz held among all IT sections.
8. **Kanika Bansal (IT 2020–2024 Batch)** Achieved the esteemed 2nd position in the Designathon hosted at Delhi Technological University, in collaboration with Adobe, for the comprehensive rebranding of the corporate identity of the organization "NIXI."
9. **Tanay Kumar (IT 2022–2026 Batch)** secured 4th position at HACKBPIT'22, qualified round 1 of Vihaan hackathon.
10. **Devansh (IT 2022–2026 Batch)** obtained 1st position at IKS Exhibition 2023.
11. **Keshav Singh (IT 2022–2026 Batch)** obtained 5th position at NASA Hackathon, Noida.
12. **Mishita (IT 2021–2025 Batch)** University rank 2nd and college rank 1st in 3rd semester exams.
13. **Roshni (IT 2022–2026 Batch)** obtained 2nd Position at Anugoonj prelims in Singing competition (group Indian and western), 2nd position at Ecstasy in Singing competition (group Indian), 2nd position at Tryst in Singing competition (group Indian).

Faculty Achievement

1. **Dr. Abhishek Swaroop** published 1 SCI research paper, 1 PhD submitted under his supervision as External supervisor, served as editor ICDAM 2023 and DOSCI 2023.
2. **Dr. Rachna Jain** published 1 Edited Book "6G Enabled IoT and AI for Smart Healthcare: Challenges, Impact and Analysis", CRC Press (June 2023), Published 9 SCI Journal Papers, 2 Scopus Indexed Journal Papers, 6 Conference Papers, 5 Book Chapters and 2 Patent Granted. Received Recognition as one of the top 2% of scientists globally, according to #Elsevier and #Stanford University's analysis. Chaired 5 technical sessions, delivered 2 Technical Talks, Reviewer and Member Advisory Committee in Various Reputed International Conferences.
3. **Dr. Nitish Pathak** published 1 authored book "Object-Oriented Analysis and Design with Real Life Applications", International Press, USA. published 6 SCI papers, 6 Conference papers (Scopus), 2 book chapters (Scopus), 2 patent granted and 2 patent filed. chaired 6 technical sessions, delivered 2 Technical Talks and Publicity Chair in various prestigious International Conferences, LNNS Series (Scopus Indexed) Springer.
4. **Dr. Varsha Sharma** elected as a chairman for government of India project, CERT- In March 23. She received recognition through the bestowal of International Gandhi Peace Award by Ehsaas Foundation for his contribution towards society. Published one paper in IEEE Xplore in May 23.
5. **Dr. Monika** published 1 Scopus Paper, served as Publicity chair for the ICDAM 2023, delivered talk during 6 week summer training workshop on Python for Machine learning.
6. **Dr. Shailendra Gaur, Dr. C.M. Sharma & Dr. Aman Dureja** Completed their Ph.Ds.
7. **Dr. Pooja Mudgil** published 2 conference paper with Scopus Indexing & 1 Journal Paper with SCIE Indexing.
8. **Dr. Richa Vats** served as Publicity Chair for the ICDAM 2023, Faculty Coordinator for the Training in Self Defense Techniques event, and Reviewer in ICDT 2023 (International Conference on Disruptive Technologies).
9. **Ms. Meenakshi Aggarwal** served as Publicity Chair for the ICDAM 2023 (International Conference on Data Analytics and Management).

Placement Record Summary

Year	2022	2023
Single Offer	54	52
Multiple Offer	92	64
Maximum Package	45 LPA	28.36 LPA
Minimum Package	3.5 LPA	3.36 LPA
Average Package	8.9 LPA	7.88 LPA
Eligible Students	57	67
Out Of Eligible Students	94.74%	77.61 %



And ongoing.....

A large collage of logos from various companies and organizations, including TATA, AMEYO, SAMSUNG, Infosys, Amazon, and many others, arranged in a circular pattern around the central text.

GALLERY



GDSC Orientation



Google cloud Carrier Practitioner Program



Building career in Android development



Info session



Solution Session



How to ace Hackathons



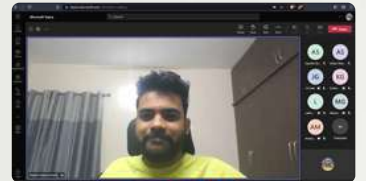
Google Cloud hand on workshop



A Pep Talk with Love Babbar



Cyber Security 360



Decoding the Secrets of Algorithm



Unleashing the code : Roadmap to Programming



CodeXploit : HACKING AI



CODENHEIMER



The Masterclass to Hacktoberfest

Our Faculty



PROF. (DR.) ABHISHEK SWAROOP
HOD AND HEAD T&P



DR. RACHNA JAIN
ADDITIONAL HOD



PROF. (DR.) MANOJ KUMAR GUPTA
EXAMINATION HEAD



DR. MONIKA ARORA
ASSOCIATE PROFESSOR



DR. NITISH PATHAK
ASSOCIATE PROFESSOR & HEAD,
LIBRARY ADVISORY COMMITTEE



DR. VARSHA SHARMA
INCHARGE (AI&DS)



DR. C.M. SHARMA
ASSISTANT PROFESSOR



DR. MADHUR JAIN
ASSISTANT PROFESSOR



DR. SHAILENDRA SINGH GAUR
ASSISTANT PROFESSOR



Dr. POOJA MUDGIL
ASSISTANT PROFESSOR



DR. AMAN DUREJA
ASSISTANT PROFESSOR



DR. RITU GUPTA
ASSISTANT PROFESSOR



DR. RICHA VATS
ASSISTANT PROFESSOR



MS. NUPUR TYAGI
ASSISTANT PROFESSOR



MS. MEENAKSHI AGGARWAL
ASSISTANT PROFESSOR

Our Patrons

Shri Vinod Vats (Chairman)
Padma Shri Surender Sharma (Vice President)
Shri Ram Babu Sharma (General Secretary)
Shri Shambhu Sharma (Secretary)
Shri Sanjeev Sharma (Treasurer)

Faculty Facilitator

Dr. Varsha Sharma (Assistant professor)
Ms. Nupur Tyagi (Assistant professor)

Student Coordinator

Kislay Kumar (3rd Year IT)
Lakshman (3rd Year IT)
Tamanna Thakur (2nd Year IT)